

REMARKS

Claims 3-7, 11-12, 14-16, and 24-31 remain in the application for consideration of the Examiner with Claims 1, 2, 8-10, and 17-23 standing cancelled.

Reconsideration and withdrawal of the outstanding rejections are respectfully requested in light of the above amendments and following remarks.

Turning now to the art rejections, Claims 1, 2, 5, 8, 9, 13, 17, 18, 23, 24, and 28 were rejected as being anticipated by Takeyabu; and Claims 3, 7, 10, 11, 14-16, 19-22, 25, and 29-31 were rejected under 35 U.S.C. § 103 as being unpatentable over Takeyabu.

These rejections are respectfully traversed.

It is respectfully submitted that Takeyabu does not disclose or suggest the presently claimed invention including the correction circuit including a feedback impedance and the reference impedance of a first ratio wherein the first ratio is determined by adjusting a desired amplification factor according to the error.

Applicants agree with the Examiner as evidence by page 3 of the Office Action that Takeyabu does not disclose the feedback and resistance impedance in the correction circuit.

However, the Examiner alleges that these aspects are known by one of ordinary skill in the art.

In this connection, Applicants respectfully request a teaching from the prior art in order to substantiate the Examiner's allegations.

Applicants appreciate the indication that if Claims 4, 6, 12, and 27 were rewritten in independent form including the limitations of the base claim and any intervening claims, these claims would be allowable.

Claims 4, 6, 12, and 27 have been amended to include some of the limitations of the base claim and any intervening claims. More particularly, some limitations of the independent claims have been eliminated because they are felt not to be required for patentability.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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